

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25	macromodel and (transmission same line)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:32
L2	11	(transmission same line same macromodel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:35
L3	7492	(transmission same line same model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:34
L4	1084	I3 and ((critical near2 length) distortion (error near2 threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:33
L5	1	I3 and ((critical near2 length) and distortion and (error near2 threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:33
L6	15	I3 and (length and distortion and (error near2 threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:34
L7	6435	(703/2 703/6 703/13 703/14)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:34

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L8	13807	I7 (transmission same line same model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:35
L9	120	I7 and (transmission same line same model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:37
L10	0	I9 and (length and distortion and (error near2 threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:35
L11	6	I9 and (length and distortion and error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:35
L12	59836	(transmission and line macromodel). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:35
L13	1591	I12 and (transmission same line same model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:35
L14	4	I13 and (length and distortion and (error near2 threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:35

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L15	46	I7 and (transmission and line and model).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:37
L16	1850	703/13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:37
L17	38	I16 and (transmission same line same model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:38
L18	11	I16 and (transmission and line and model).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/05 16:38


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J Nagumo, S Arimoto, S Yoshizawa - Proceedings of the IRE, 1962 - [ieeexplore.ieee.org](#)
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DB Kuznetsov, JE Schutt-Aine - Circuits and Systems I: Fundamental Theory and Applications, ..., 1996 - [ieeexplore.ieee.org](#)
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F Romeo, M Santomauro - Microwave Theory and Techniques, IEEE Transactions on, 1987 - [ieeexplore.ieee.org](#)

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Simulation of dispersive multiconductor transmission lines by

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... Synchronous Series Compensator: A Solid-State Approach to the Series

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L Gyugyi, CD Schauder, KK Sen - Power Engineering Review, IEEE, 1997 - [ieeexplore.ieee.org](#)

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A Dounavis, X Li, MS Nakhla, R Achar - Microwave Theory and Techniques, IEEE Transactions on, 1999 - [ieeexplore.ieee.org](#)

... structures. Index Terms— Circuit **simulation**, distributed **transmission lines**, high-speed interconnects, **model-order** reduction, ...

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 V Raghavan, JE Bracken, RA Rohrer - 1992 - IEEE Computer Society Press Los Alamitos, CA, USA
 ... required to create the AWE **macromodel** for the ... 7] which incorporates a single lossy **transmission line** model required 53.63 CPU-see to **simulate** the same ...
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JE Bracken, V Raghavan, RA Rohrer - Circuits and Systems I: Fundamental Theory and Applications, ..., 1992 - [ieeexplore.ieee.org](#)
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 ... the validity and efficiency of the proposed **macromodel**. ... are com- pared with SPICE **simulation** and/or "exact" analysis of the **transmission-line** equation. ...
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Time-domain macromodels for VLSI interconnect analysis - all 2 versions »

SY Kim, N Gopal, LT Pillage - Computer-Aided Design of Integrated Circuits and Systems, ..., 1994 - [ieeexplore.ieee.org](#)
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Simulation of multiconductor transmission lines using Krylovsubspace order-reduction techniques - all 2 versions »

M Celik, AC Cangellaris - Computer-Aided Design of Integrated Circuits and Systems, ..., 1997 - [ieeexplore.ieee.org](#)
 ... Then the **macromodel** and the remaining nonlinear ... for the ef- ficient **simulation** of large linear ... circuits with lossy multiconductor **transmission lines** using the ...
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S Grivet-Talocia, HM Huang, AE Ruehli, F Canavero, ... - Advanced Packaging, IEEE Transactions on [see also ..., 2004 - [ieeexplore.ieee.org](#)
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FG Canavero, S Grivet-Talocia, IA Maio, IS ... - Proc. of 16 thIEEE International Zurich Symposium on ..., 2005 - emc.polito.it

... busses, that often can be represented as **transmission lines**. ... As a **simulation** strategy, we employ a generalized ... A **line macromodel** is obtained via the following ...

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[System and method for automatic selection of **transmission line** macromodels](#)

IM Elfadel - 2005 - freepatentsonline.com

... processing apparatus to perform operations to automatically select a **macromodel** from a set of macromodels for use in **simulating a transmission line**. ...

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R Griffith, E Chiprout, Q Zhang, M Nakhla - Circuits and Systems I: Fundamental Theory and Applications, ..., 1992 - ieeexplore.ieee.org

... lar system with different **simulation**, and optimization ... matching approach expanding a **transmission line** transfer functions ... is used to form a **macro- model** of the ...

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[Analysis of interconnect networks using complex frequency hopping \(CFH\) - all 2 versions »](#)

E Chiprout, MS Nakhla - Computer-Aided Design of Integrated Circuits and Systems, ..., 1995 - ieeexplore.ieee.org

... effects of ringing, signal delay, **distortion**, and reflections ... net result is that the **simulation** is accurate ... the eigenmodes of the **transmission lines** which may ...

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A Dounavis, R Achar, M Nakhla - Custom Integrated Circuits Conference, 2002. Proceedings of ..., 2002 - ieeexplore.ieee.org

... sults in a passive **transmission line macromodel**. ... be shown that for M-coupled **lines**; an approximation ... suf- ficiently enough to obtain an accurate **simulation**). ...

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IS Stievano, S Grivet-Talocia, IA Maio, FG ... - Circuits and Systems, 2005. ISCAS 2005. IEEE International ..., 2005 - ieeexplore.ieee.org

... that can be represented as **transmission lines** with sig ... as lumped equivalents combined

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